

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/002,614	KLUGE ET AL.	
	Examiner Thomas K. Pham	Art Unit 2121	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to amendment filed 03/04/2005.
2.  The allowed claim(s) is/are 1-24.
3.  The drawings filed on 29 November 2001 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

#### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. B. Y. Mathis on 07/07/2005.

The application has been amended as follows:

- Cancel claims 25-28.
- Claim 1 – please add “stored in a computer readable medium” between the words “manual” and “comprising”.

#### *Reasons for Allowance*

2. Claims 1-24 are allowed.
3. The following is an examiner's statement of reasons for allowance:

While Benjamin (Patent No. 6,438,535) discloses accessing information useful to the manufacture, repair and maintenance of a particular system using a relational database for including data representing the construction of assemblies and subassemblies. Benjamin does not teach a second view including information indicating a hierarchical relationship of the selected data structure with respect to other data structures; or generate a graphical user interface corresponding to any unit data structure.

And Ladd (Patent No. 5,864,480) teaches a computer-implemented system for developing product documentation capable of displaying a tree-structure representing an organization of projects. Ladd does not teach a product manual having a second view including information indicating a hierarchical relationship of a selected data structure with respect to other data structures.

Neither of these references taken either alone or in combination discloses a method and device for displaying a product manual for a particular product having all the claimed features of applicant's instant invention, specifically including: a second view of the selected data structure displayed in a graphical user interface upon selection, the second view including information indicating a hierarchical relationship of the selected data structure with respect to other data structures. In addition, data from a defined unit data structure of an initial component can be used to generate a graphical user interface corresponding to the unit data structure and presenting user-selectable links to sub-component unit data structures; and other limitations related to these features in combination with the remaining elements and features of the claimed invention. Also, there is no motivation to combine the Benjamin reference with the Ladd reference to meet these limitations. It is for these reasons that applicant's invention defines over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thomas Pham*; whose telephone number is (571) 272-3689, Monday to Thursday from 6:30 AM - 5:00 PM EST or contact Supervisor *Mr. Anthony Knight* at (571) 272-3687.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Thomas Pham**  
Patent Examiner



July 7, 2005



**Anthony Knight**  
Supervisory Patent Examiner  
Group 3600